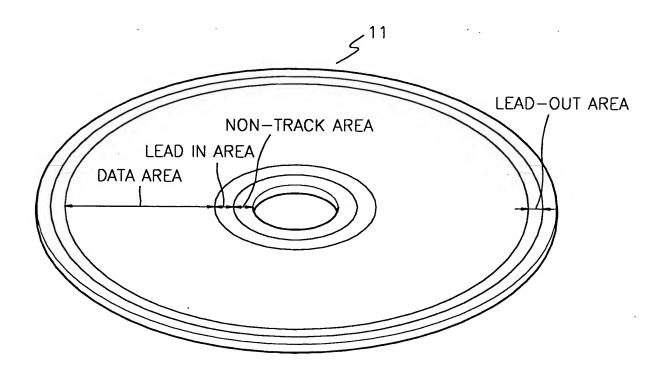
FIG. 1 (PRIOR ART)



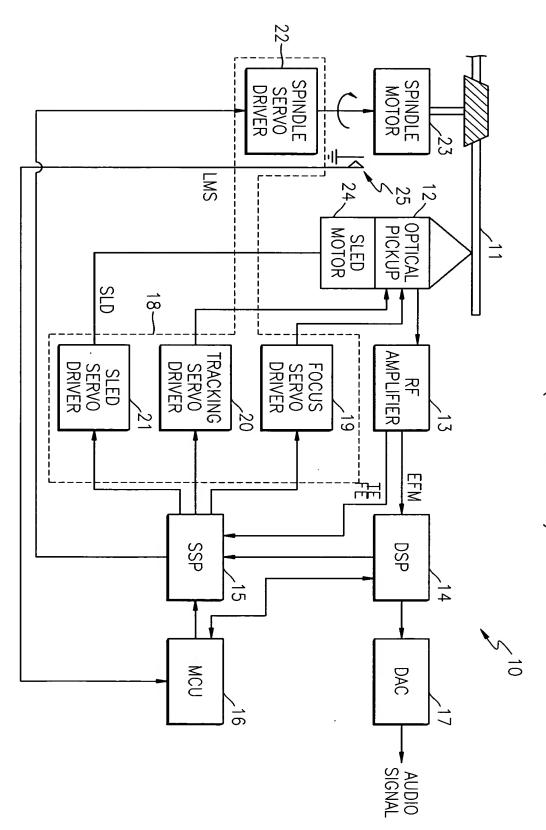
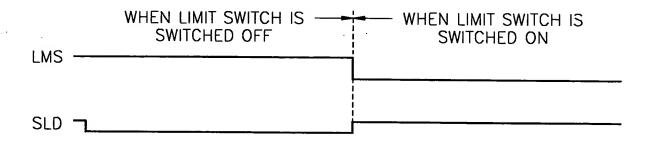


FIG. 2 (PRIOR ART)

FIG. 3 (PRIOR ART)



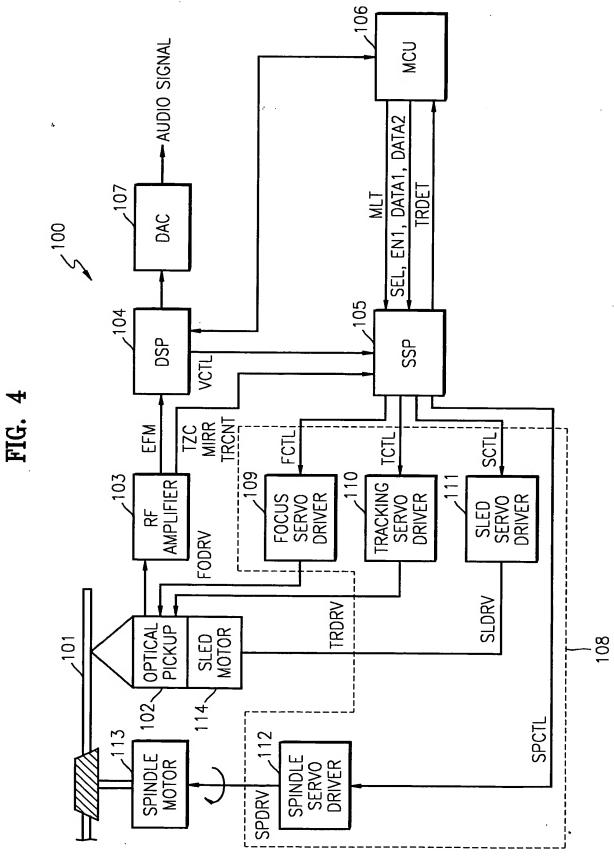


FIG. 5

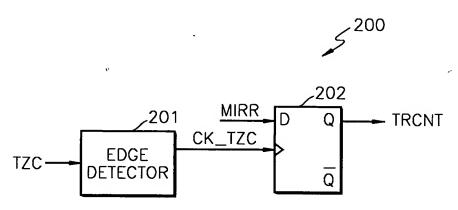


FIG. 6

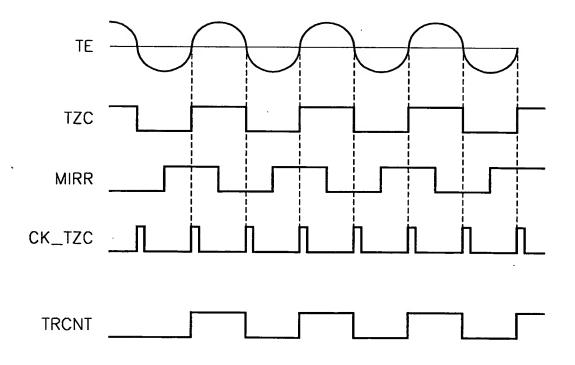


FIG. 7

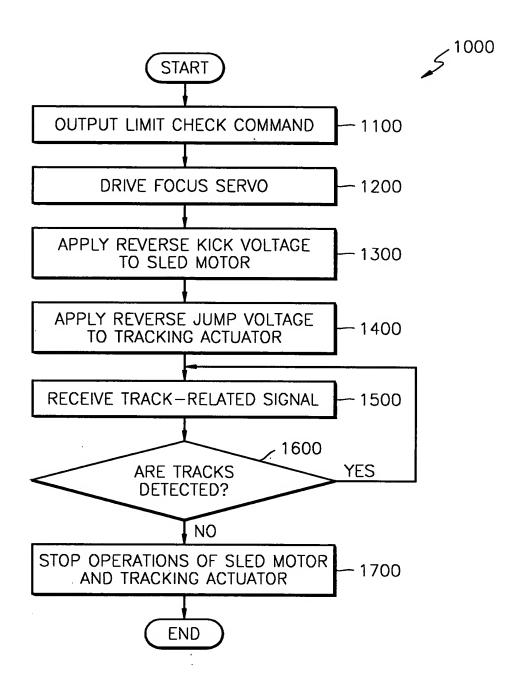
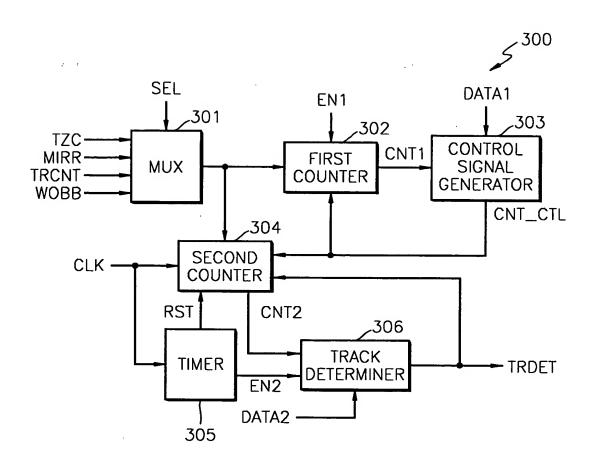


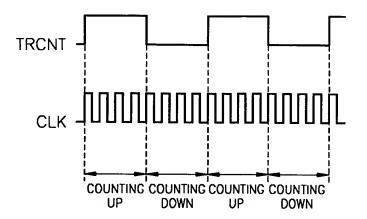
FIG. 8

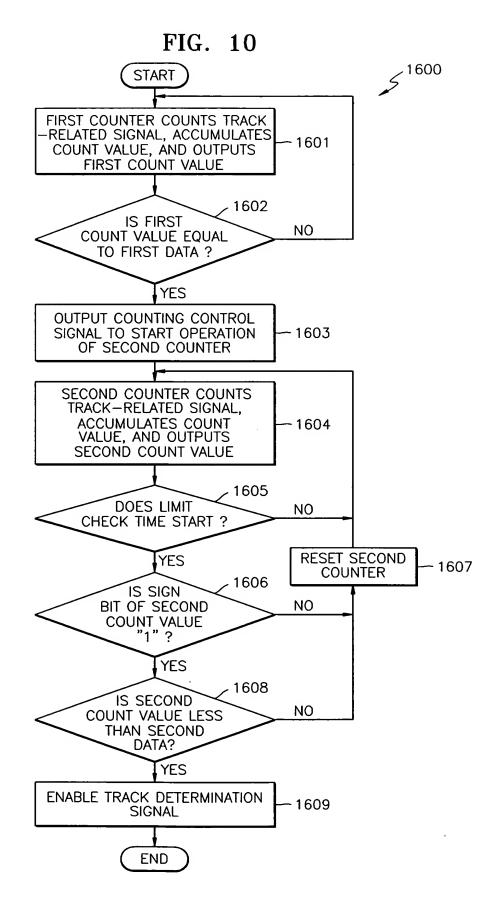


– VREF2 - VREF1 0 FIG. 9A മ TRCNT -TRDRV — TRDET -SLDRV -EN1 MLT EN2 -CTL-

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FIG. 9B





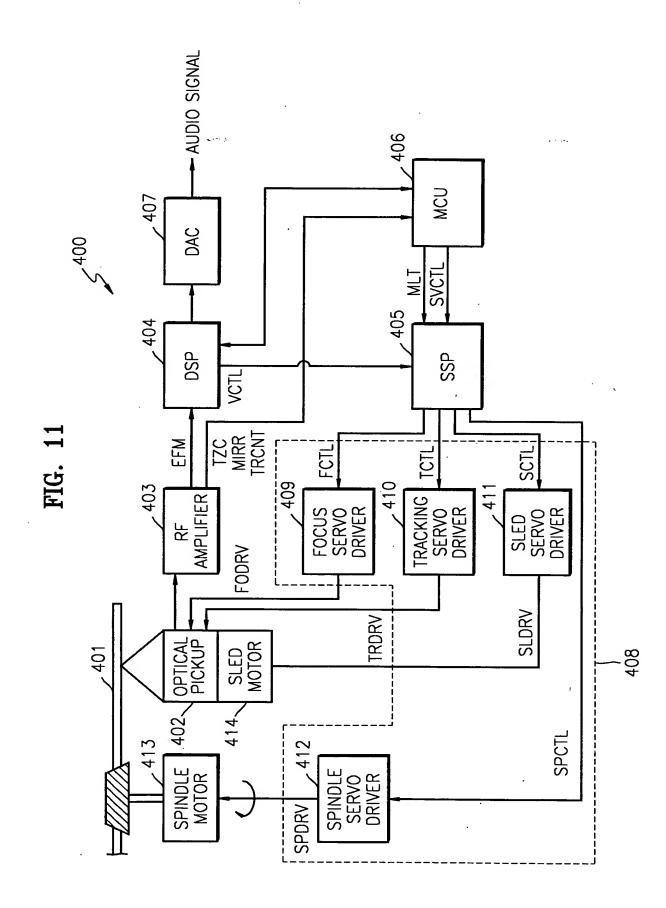
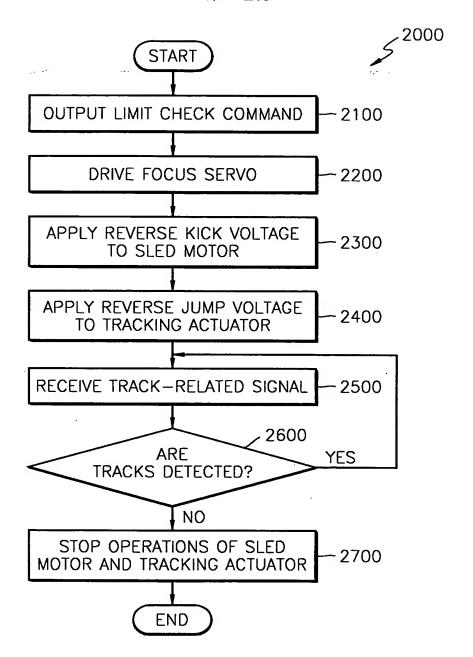


FIG. 12



£ 2600 FIG. 13 START COUNT NUMBER OF TIMES TRACK-RELATED SIGNAL IS - 2601 **OUTPUT AND OUTPUT FIRST** COUNT VALUE 2602 IS FIRST NO COUNT VALUE EQUAL TO FIRST SET VALUE? YES COUNT NUBMER OF TIMES TRACK-RELATED SIGNAL IS 2603 OUTPUT, AND OUTPUT SECOND COUNT VALUE 2604 **DOES** NO LIMIT CHECK TIME START? INITIALIZE SECOND YES -2606 COUNT VALUE 2605 IS SIGN NO BIT OF SECOND COUNT VALUE "1"? YES 2607 IS SECOND NO COUNT VALUE LESS THAN SECOND SET VALUE? YES OUTPUT LIMIT CHECK 2608 **COMPLETION SIGNAL**

END

FIG. 14

